Serial No.: 10/749,440 Filed: December 31, 2003

Page : 2 of 16

# Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

# Listing of Claims:

1. (Currently Amended) A computer-implemented method comprising:

displaying, to a user, a first web document received from a <u>search engine</u> first server, the first web document further comprising a search engine result set:

receiving in a client application an interest signal generated in response to a user action, the interest signal indicating to the client application that the user has an interest in a hyperlink displayed as part of the search engine result set in the first web document, the hyperlink referencing a second web document;

automatically generating in the client application a request signal in response to the interest signal and sending the request signal to the search engine a second server to request a text extract and implicitly derived past-user information, the text extract comprising text data previously extracted from the second web document and stored separately from the second web document, and the implicitly derived past-user information rating multiple previous viewers' interest in the second web document, the previous viewers being other than the user, and the interest of the previous viewers being implicitly derived using data at the search engine which logs measures of the previous viewers' interaction with the second web document, the measures including the previous viewers' linger time on the second web document, the previous viewers' quantity of repeat visits to the second web document, a quantity of repeat queries initiated by the previous viewers which led to the second web document, or a quantity of click-throughs by the previous viewers on the second web document;

receiving the text extract <u>and the implicitly derived past-user information</u> in response to the request signal; and

displaying the text extract <u>and the implicitly derived past-user information</u> to the user in association with the first web document, in response to the interest signal.

Serial No.: 10/749,440 Filed: December 31, 2003

Page : 3 of 16

(Original) The method of claim 1, further comprising logging the interest signal.

### 3. - 9. (Cancelled)

 (Currently Amended) The method of claim 1, further comprising: receiving <u>information indicating</u> a genre of the second web document in response to the request signal; and

displaying the genre to the user.

 (Currently Amended) The method of claim 1, further comprising: receiving <u>information indicating</u> a relationship of the first and second web documents in response to the request signal; and

displaying the relationship to the user.

- 12. (Cancelled)
- 13. (Cancelled)
- 14. (Currently Amended) The method of claim 1, further comprising: receiving <u>information indicating</u> a query eorresponding to that led the previous viewers to the second web document in response to the request signal; and displaying the query to the user.
- 15. (Currently Amended) The method of claim 1, further comprising: receiving <u>information indicating</u> a comparison between content from the first web document and content from the second web document in response to the request signal; and displaying the comparison to the user.

Serial No.: 10/749,440 Filed: December 31, 2003

Page : 4 of 16

16. (Previously Presented) The method of claim 1, further comprising:

receiving a cached representation of a previously-available second web document in response to the request signal; and

displaying the cached representation to the user.

- 17. (Currently Amended) The method of claim 1, wherein the interest signal comprises an indication of a pointing device a cursor hovering over the hyperlink.
- 18. (Currently Amended) The method of claim 1, wherein the interest signal comprises an indication of a right-click while a cursor is hovering over of a pointing device on the hyperlink.
- 19. (Currently Amended The method of claim 1, wherein displaying the text extract and the implicitly derived past-user information to the user in association with the first web document comprises displaying the text extract and the implicitly derived past-user information in an overlay over the first web document.
- (Original) The method of claim 19, wherein the overlay comprises a tooltin.
- 21. (Currently Amended) The method of claim 1, wherein displaying the text extract and the implicitly derived past-user information to the user in association with the first web document comprises displaying the text extract information and the implicitly derived past-user information in a status bar.
- 22. (Currently Amended) The method of claim 1, wherein displaying the text extract and the implicitly derived past-user information to the user in association with the first web document comprises displaying the text extract and the implicitly derived past-user information in a right-click menu.
- (Currently Amended) The method of claim 1, wherein displaying the text extract and the implicitly derived past-user information to the user in association with the first web document

Serial No.: 10/749,440 Filed: December 31, 2003

Page : 5 of 16

comprises displaying the text extract and the implicitly derived past-user information in a pop-up window.

- 24. (Currently Amended) The method of claim 1, wherein displaying the text extract and the implicitly derived past-user information to the user in association with the first web document comprises displaying the text extract and the implicitly derived past-user information in a persistent window.
- 25. (Currently Amended) The method of claim 1, wherein displaying the text extract and the implicitly derived past-user information to the user in association with the first web document comprises displaying the text extract and the implicitly derived past-user information with the first web document.
- 26. (Currently Amended) The method of claim 1, wherein displaying the text extract and the implicitly derived past-user information to the user in association with the first web document comprises audibly outputting the text extract and the implicitly derived past-user information.
- 27. (Currently Amended) The method of claim 1, wherein displaying the text extract and the implicitly derived past-user information to the user in association with the first web document comprises outputting the text extract and the implicitly derived past-user information through a haptic device.
- 28. (Currently Amended) The method of claim 1, wherein displaying the text extract and the implicitly derived past-user information to the user in association with the first web document comprises displaying a hyperlink referencing a third web document, the third web document comprising the text extract and the implicitly derived past-user information.

Serial No.: 10/749,440 Filed: December 31, 2003

Page : 6 of 16

# 29. (Currently Amended) A computer-implemented method comprising:

transmitting a first web document to a client application, the first web document further comprising a search engine result set;

receiving from the client application a request signal requesting a text extract and implicitly derived past-user information, the text extract comprising text data previously extracted from a second web document referenced by a hyperlink displayed as part of the search engine result set in the first web document and stored separately from the second web document, the implicitly derived past-user information rating a previous viewers' interest in the second web document, the previous viewers being other than the user, and the request signal being automatically generated based on receiving, in the client application, an interest signal generated in response to a user action, the interest signal indicating to the client application that the user has an interest in the hyperlink;

implicitly deriving the interest of the previous viewers using data which logs measures of the previous viewers' interaction with the second web document, the measures including the previous viewers' linger time on the second web document, the previous viewers' quantity of repeat visits to the second web document, a quantity of repeat queries initiated by the previous viewers which led to the second web document, or a quantity of click-throughs by the previous viewers on the second web document;

retrieving the text extract in response to the request signal; and
generating an information signal comprising the retrieved text extract and the implicitly
derived past-user information, the information signal configured to cause the text extract and the
implicitly derived past-user information to be output in association with the first web document.

 (Previously Presented) The method of claim 29, further comprising logging the request.

### 31. - 37. (Cancelled)

38. (Currently Amended) The method of claim 29, wherein the information signal further comprises information indicating a genre of the second web document.

Serial No.: 10/749,440 Filed: December 31, 2003

Page : 7 of 16

39. (Currently Amended) The method of claim 29, wherein the information signal comprises

information indicating a relationship of the first and second web documents.

40. (Canceled)

41. (Canceled)

42. (Currently Amended) The method of claim 29, wherein the information signal comprises information indicating a query that led the previous viewers to corresponding to the second web

document.

43. (Currently Amended) The method of claim 29, wherein the information signal comprises

information indicating a comparison between content from the first web document and content

from the second web document.

44. (Previously Presented) The method of claim 29, wherein the information signal

comprises a cached representation of a previously-available second web document.

45. (Currently Amended) The method of claim 29, wherein causing the text extract and the implicitly derived past-user information to be output in association with the first web document

comprises causing the text extract and the implicitly derived past-user information to be

displayed in an overlay.

(Original) The method of claim 45, wherein the overlay comprises a tooltip.

47. (Currently Amended) The method of claim 29, wherein causing the text extract and the

implicitly derived past-user information to be output in association with the first web document

comprises causing the text extract and the implicitly derived past-user information to be

displayed in a status bar.

Serial No.: 10/749,440 Filed: December 31, 2003

Page : 8 of 16

48. (Currently Amended) The method of claim 29, wherein causing the text extract and the implicitly derived past-user information to be output in association with the first web document comprises causing the text extract and the implicitly derived past-user information to be displayed in a right-click menu.

- 49. (Currently Amended) The method of claim 29, wherein causing the text extract and the implicitly derived past-user information to be output in association with the first web document comprises causing the text extract and the implicitly derived past-user information to be displayed in a pop-up window.
- 50. (Currently Amended) The method of claim 29, wherein causing the text extract and the implicitly derived past-user information to be output in association with the first web document comprises causing the text extract and the implicitly derived past-user information to be displayed in a persistent window.
- 51. (Currently Amended) The method of claim 29, wherein causing the text extract and the implicitly derived past-user information to be output in association with the first web document comprises causing the text extract and the implicitly derived past-user information to be displayed with the first web document.
- 52. (Currently Amended) The method of claim 29, wherein causing the text extract and the implicitly derived past-user information to be output in association with the first web document comprises causing the text extract and the implicitly derived past-user information to be audibly output.
- 53. (Currently Amended) The method of claim 29, wherein causing the text extract and the implicitly derived past-user information to be output in association with the first web document comprises causing the text extract and the implicitly derived past-user information to be output through a haptic device.

Serial No.: 10/749,440 Filed: December 31, 2003

Page : 9 of 16

54. (Currently Amended) The method of claim 29, wherein causing the text extract and the implicitly derived past-user information to be output in association with the first web document

comprises causing a hyperlink referencing a third web document to be output, the third web

document comprising the text extract and the implicitly derived past-user information.

55. - 61. (Cancelled)

62. (Previously Presented) The method of claim 1, wherein the text data is sufficient to

approximate usefulness of all content in the second web document.

63. (Previously Presented) The method of claim 29, wherein the text data is sufficient to

approximate usefulness of all content in the second web document.

64. - 67. (Cancelled)

68. (Currently Amended) The method of claim 1 claim 67, further comprising generating the

text extract at the search engine based on crawling a web site storing the second web document.

69. (Previously Presented) The method of claim 1, wherein the client application further

comprises a browser-enabled JavaScript application.

70. (Cancelled)

71. (New) A computer-readable medium encoded with a computer program, the computer

program comprising instructions that, when executed, operate to cause a computer to perform

operations comprising:

displaying, to a user, a first web document received from a search engine, the first web

document comprising a search engine result set;

receiving in a client application an interest signal generated in response to a user action,

the interest signal indicating to the client application that the user has an interest in a hyperlink

Serial No.: 10/749,440 Filed: December 31, 2003 Page: 10 of 16

displayed as part of the search engine result set in the first web document, the hyperlink referencing a second web document:

automatically generating in the client application a request signal in response to the interest signal and sending the request signal to the search engine to request a text extract and implicitly derived past-user information, the text extract comprising text data previously extracted from the second web document and stored separately from the second web document, and the implicitly derived past-user information rating a previous viewers' interest in the second web document, the previous viewers being other than the user, and the interest of the previous viewers being implicitly derived using data at the search engine which logs measures of the previous viewers' interaction with the second web document, the measures including the previous viewers' linger time on the second web document, the previous viewers' quantity of repeat visits to the second web document, a quantity of repeat queries initiated by the previous viewers which led to the second web document, or a quantity of click-throughs by the previous viewers on the second web document.

receiving the text extract and the implicitly derived past-user information in response to the request signal; and

displaying the text extract and the implicitly derived past-user information to the user in association with the first web document, in response to the interest signal.

72. (New) A computer-readable medium encoded with a computer program, the computer program comprising instructions that, when executed, operate to cause a computer to perform operations comprising:

transmitting a first web document to a client application, the first web document comprising a search engine result set;

receiving from the client application a request signal requesting a text extract and implicitly derived past-user information, the text extract comprising text data previously extracted from a second web document referenced by a hyperlink displayed as part of the search engine result set in the first web document and stored separately from the second web document, the implicitly derived past-user information rating a previous viewers' interest in the second web document, the previous viewers being other than the user, and the request signal being

Serial No.: 10/749,440 Filed: December 31, 2003

Page : 11 of 16

automatically generated based on receiving, in the client application, an interest signal generated in response to a user action, the interest signal indicating to the client application that the user has an interest in the hyperlink;

implicitly deriving the interest of the previous viewers using data which logs measures of the previous viewers' interaction with the second web document, the measures including the previous viewers' linger time on the second web document, the previous viewers' quantity of repeat visits to the second web document, a quantity of repeat queries initiated by the previous viewers which led to the second web document, or a quantity of click-throughs by the previous viewers on the second web document;

retrieving the text extract in response to the request signal; and

generating an information signal comprising the retrieved text extract and the implicitly derived past-user information, the information signal configured to cause the text extract and the implicitly derived past-user information to be output in association with the first web document.